

IN THE CLAIMS

1. (currently amended) A broadcasting system comprising:

a transmitting apparatus for transmitting a digital broadcast by a stream including Program Specific Information (PSI) constituted with a structural hierarchy of an MPEG system; and

a receiving apparatus for receiving the stream transmitted from said transmitting apparatus,

wherein said transmitting apparatus allows copyright information of a still image to be included hierarchically in a predetermined table inof said streamPSI corresponding to the structural hierarchy and transmits the obtained stream and

said receiving apparatus refers to the copyright information of said still image in said predetermined table inof said streamPSI transmitted from said transmitting apparatus and executes a copyright protecting process of the still image by a unit corresponding to the structural hierarchy on the basis of the copyright information of said still image in said predetermined table.

2. (currently amended) A broadcasting system comprising:

a transmitting apparatus for transmitting a digital broadcast by a stream including Service Information (SI) constituted with a structural hierarchy of an MPEG system; and

a receiving apparatus for receiving the stream transmitted from said transmitting apparatus,

wherein said transmitting apparatus allows copyright information of a still image to be included hierarchically in a predetermined table inof said streamSI corresponding to the structural hierarchy and transmits the obtained stream and

said receiving apparatus refers to the copyright information of said still image in said predetermined table inof said streamSI transmitted from said transmitting apparatus and

executes a copyright protecting process of the still image upon reservation by a unit corresponding to the structural hierarchy on the basis of the copyright information of said still image in said predetermined table.

3. (currently amended) A broadcasting system according to claim 1, wherein ~~said predetermined table is a PMT (Program Map Table) specified in an MPEG.~~ the structural hierarchy includes a first layer corresponding to a program and a second layer corresponding to an elementary stream in the program;

the predetermined table includes a Program Map Table (PMT) configured to include the copyright information for the first and second layers; and

the receiving apparatus executes the copyright process of the still image by the elementary stream on the basis of the copyright information with preferentially applying the copyright information of the second layer.

4. (currently amended) A broadcasting system according to claim 2, wherein ~~said predetermined table is an EIT (Event Information Table) and/or an SDT (Service Description Table) specified in an MPEG.~~

the structural hierarchy includes a first layer corresponding to a service and a second layer corresponding to a program in the service;

the predetermined table includes a Service Description Table (SDT) configured to include the copyright information for the first layer and a Event Information Table (EIT) configured to include the copyright information for the second layer; and

the receiving apparatus executes the copyright process of the still image upon reservation by the program on the basis of the copyright information with preferentially applying the copyright information for the second layer.

5. (original) A broadcasting system according to claim 1 or 2, wherein copyright management information of said still image can be set independent of copyright management information of a motion image.

6. (original) A broadcasting system according to claim 1 or 2, wherein said still image is a still image obtained by extracting a part of a motion image.

7. (original) A broadcasting system according to claim 1 or 2, wherein said still image is a still image transmitted by a data broadcast.

8. (original) A broadcasting system according to claim 1 or 2, wherein said transmitting apparatus allows information regarding resolution of a display screen to be included in the copyright information of said still image and said receiving apparatus refers to the information regarding the resolution included in the copyright information of said still image and restricts the resolution.

9. (original) A broadcasting system according to claim 1 or 2, wherein, in the still image transmitted by a data broadcast, it is enabled not to apply restriction of resolution only to a graphics signal of a character or the like in which there is no need to restrict the resolution.

10. (original) A broadcasting system according to claim 1 or 2, wherein said transmitting apparatus allows information regarding recording restriction to be included in the copyright information of said still image and said receiving apparatus refers to the information regarding the recording restriction included in the copyright information of said still image and restricts the recording to a recording medium.

11. (original) A broadcasting system according to claim 1 or 2, wherein said transmitting apparatus allows information regarding printing to be included in the copyright information

of said still image and said receiving apparatus refers to the information regarding the printing included in the copyright information of said still image and restricts the printing to a printer.

12. (currently amended) A receiving apparatus comprising:

receiving means for receiving a signal of a digital broadcast transmitted by a stream including Program Specific Information (PSI) constituted with a structural hierarchy of an MPEG system;

means for decoding information in a predetermined table ~~from~~of said received ~~stream~~PSI and obtaining copyright information of a still image ~~from~~included hierarchically in said predetermined table corresponding to the structural hierarchy; and

means for referring to the copyright information of said still image in said predetermined table ~~in~~of said ~~stream~~PSI and executing a copyright protecting process of the still image by a unit corresponding to the structural hierarchy on the basis of the copyright information of said still image in said predetermined table.

13. (currently amended) A receiving apparatus comprising:

receiving means for receiving a signal of a digital broadcast transmitted by a stream including Service Information (SI) constituted with a structural hierarchy of an MPEG system;

means for decoding information in a predetermined table ~~from~~of said received ~~stream~~SI and obtaining copyright information of a still image ~~from~~included hierarchically in said predetermined table corresponding to the structural hierarchy; and

means for referring to the copyright information of said still image in said predetermined table ~~in~~of said ~~stream~~SI and executing a copyright protecting process of the still image

upon reservation by a unit corresponding to the structural hierarchy on the basis of the copyright information of said still image in said predetermined table.

14. (original) A receiving apparatus according to claim 12, wherein when said still image copyright information in said predetermined table cannot be referred to, motion image copyright information in said predetermined table is referred to and said still image copyright information is set on the basis of said motion image copyright information.

15. (original) A receiving apparatus according to claim 12, wherein when said still image copyright information in said predetermined table and motion image copyright information in said predetermined table cannot be referred to, said still image copyright information is set on the basis of predetermined copyright information of the still image.

16. (original) A receiving apparatus according to claim 13, wherein when said still image copyright information in said predetermined table cannot be referred to, motion image copyright information in said predetermined table is referred to and said still image copyright information is set on the basis of said motion image copyright information.

17. (original) A receiving apparatus according to claim 13, wherein when said still image copyright information in said predetermined table and motion image copyright information in said predetermined table cannot be referred to, said still image copyright information is set on the basis of predetermined copyright information of the still image.

18. (original) A receiving apparatus according to claim 12 or 13, wherein information regarding resolution of a display screen is included in the copyright information of said still image, the information regarding the resolution included in the

copyright information of said still image is referred to, and the resolution is restricted.

19. (original) A receiving apparatus according to claim 12 or 13, wherein information regarding recording restriction is included in the copyright information of said still image, the information regarding the recording restriction included in the copyright information of said still image is referred to, and the recording to a recording medium is restricted.

20. (original) A receiving apparatus according to claim 12 or 13, wherein information regarding printing is included in the copyright information of said still image, the information regarding the printing included in the copyright information of said still image is referred to, and the printing to a printer is restricted.

21. (currently amended) A protecting method of broadcast data, comprising the steps of:

allowing copyright information of a still image to be included in a predetermined table in Program Specific Information (PSI) of a stream of an MPEG system hierarchically corresponding to a structural hierarchy of the MPEG system and transmitting the obtained stream;

receiving said transmitted stream of the MPEG system;  
and

referring to the copyright information of said still image in said predetermined table ~~in~~of said received ~~stream~~PSI and executing a copyright protecting process of the still image by a unit corresponding to the structural hierarchy on the basis of the copyright information of said still image in said predetermined table.

22. (currently amended) A protecting method of broadcast data, comprising the steps of:

allowing copyright information of a still image to be included hierarchically in a predetermined table in Service Information (SI) of a stream of an MPEG system corresponding to a structural hierarchy of the MPEG system and transmitting the obtained stream;

receiving said transmitted stream of the MPEG system;  
and

referring to the copyright information of said still image in said predetermined table ~~in of~~ said received ~~stream~~ SI and executing a copyright protecting process of the still image upon reservation by a unit corresponding to the structural hierarchy on the basis of the copyright information of said still image in said predetermined table.

23. (original) A protecting method of the broadcast data according to claim 21 or 22, wherein copyright management information of said still image can be set independent of copyright management information of a motion image.

24. (original) A protecting method of the broadcast data according to claim 21 or 22, wherein said still image is a still image obtained by extracting a part of a motion image.

25. (original) A protecting method of the broadcast data according to claim 21 or 22, wherein said still image is a still image transmitted by a data broadcast.

26. (original) A protecting method of the broadcast data according to claim 21 or 22, wherein upon said transmission, information regarding resolution of a display screen is included in the copyright information of said still image and, upon said reception, the information regarding the resolution included in the copyright information of said still image is referred to and the resolution is restricted.

27. (original) A protecting method of the broadcast data according to claim 21 or 22, wherein in the still image

transmitted by a data broadcast, it is enabled not to apply restriction of resolution only to a graphics signal of a character or the like in which there is no need to restrict the resolution.

28. (original) A protecting method of the broadcast data according to claim 21 or 22, wherein upon said transmission, information regarding recording restriction is included in the copyright information of said still image and, upon said reception, the information regarding the recording restriction included in the copyright information of said still image is referred to and the recording to a recording medium is restricted.

29. (original) A protecting method of the broadcast data according to claim 21 or 22, wherein upon said transmission, information regarding printing is included in the copyright information of said still image and, upon said reception, the information regarding the printing included in the copyright information of said still image is referred to and the printing to a printer is restricted.

30. (currently amended) A receiving method comprising the steps of:

receiving a signal of a digital broadcast transmitted by a stream including Program Specific Information (PSI) constituted with a structural hierarchy of an MPEG system;

decoding information in a predetermined table ~~from~~ said received ~~stream~~ PSI and obtaining copyright information of a still image ~~from~~ included hierarchically in said predetermined table corresponding to the structural hierarchy; and

referring to the copyright information of said still image in said predetermined table ~~in~~ of said ~~stream~~ PSI and executing a copyright protecting process of the still image by a unit corresponding to the structural hierarchy on the basis of



the copyright information of said still image in said predetermined table.

31. (currently amended) A receiving method comprising the steps of:

receiving a signal of a digital broadcast transmitted by a stream including Service Information (SI) constituted with a structural hierarchy of an MPEG system;

decoding information in a predetermined table ~~from~~of said received ~~stream~~SI and obtaining copyright information of a still image ~~from~~included hierarchically in said predetermined table corresponding to the structural hierarchy; and

referring to the copyright information of said still image in said predetermined table ~~in~~of said ~~stream~~SI and executing a copyright protecting process of the still image upon reservation by a unit corresponding to the structural hierarchy on the basis of the copyright information of said still image in said predetermined table.